PTO/SB/08A (10-01)

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Complete if Known Substitute for form 1449A/PTO **Application Number** 09/420,695 Filing Date October 19, 1999 INFORMATION DISCLOSURE First Named Inventor-Yasmin Thanavala STATEMENT BY APPLICANT Art Unit 1651 1654 (use as many sheets as necessary) **Examiner Name** Michele Flood Sheet of Attorney Docket Number RPP:156A US

| U.S. PATENT DOCUMENTS | | | | | | | | | |
|-----------------------|------|--|------------------|-----------------------------|--|--|--|--|--|
| Examiner Initials* | Cite | DOCUMENT NUMBER | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear Claim 7, Examples 4, 12, 20 | | | | |
| | No.1 | Number-Kind Code ² (if known) | MM-DD-YYYY | Applicant of Cited Document | | | | | |
| MOS | | US-5,182,109 | | S. Tamura, et al. | | | | | |
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| Examiner Initials* | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | | T |
| | No.' | Country Code ³ -Number ⁴ -Kind Code ³ (if known) | MM-DD-YYYY | Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| MOS | + | WO 94/20135 | 09-15-1994 | Edible Vaccines, Inc. | Page 14, line 23; Page 17, line 23; Examples 3,4 | |
| MG- | <u> </u> | WO 00/37610 | 06-29-2000 | Boyce Thompson Institute for Plant Research at Cornell | The entire document | |
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| | 3005010 | ite 101 10/111 144 | 98/210 | | Application Number | 09/420,695 | | | |
| ł | INF | ORMATI | ON DISC | CLOSURE | Filing Date | October 19, 1999 | | | |
|]. | | | | PLICANT | - First Named Inventor | Yasmin Thanavala | | | |
| l | U 1. | (use as many | | | Group Art Unit | 1651 1684 | | | |
| | | | | | Examiner Name | Michele Flood | | | |
| She | et | 2 | of | 2 | Attorney Docket Number | RPP:156A US | | | |

| | | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|---------------|---|----|
| Examiner Initials* | Cite No. ' | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | J. |
| ha | | AIZPURUA, H.J., et al., "Oral Vaccination: Identification of Classes of Proteins that Provoke an Immune Response upon Oral Feeding", J. Exp. Med., 1988, pp 440-451, Vol. 167. | |
| NCD | | EHSANI, P., et al., "Polypeptides of Hepatitis B Surface Antigen Produced in Transgenic Potato", Gene, 1997, pp 107-111, Vol. 190. | |
| NOD | _ | KAPUSTA, J., et al., "A Plant-Derived Edible Vaccine Against Hepatitis B Virus", Faseb J., 1999, pp 1796-1799, Vol. 13, No. 13. | |
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